

EMI-003

SELF-CENTERING SOLDERED FEED-THROUGH

Abstract of the Disclosure

A soldered feed-through device that is inserted into a bulkhead opening has one or more sets of laterally protruding and symmetrically distributed teeth that cut through the bulkhead material as the feed-through is inserted into the
5 bulkhead opening. The teeth automatically center the feed-through device within the bulkhead opening and resist tilting of the feed-through and its through-hole conductor so that application of solder to the area between the feed-through and the inner periphery of the opening produces a solder joint having uniform radial thickness of preferably about 0.14 mm (0.0055 in.).